

Remarks

Claims 1-23 were pending in the application. Claims 1-6, 8-15, and 18-23 were rejected. Claims 7, 16 and 17 were merely objected to and no claims were allowed. By the foregoing amendment, claim 15 is canceled, claims 1, 5, 14, and 16 are amended, and claims 24-28 are added. No new matter is presented.

Telephone Interview

In a brief telephone interview between the undersigned and Examiner W. Rodriguez on February 23, 2005, the examiner indicated that the prior amendment was not entered and that any present amendment should be made relative to the as-filed application. Additionally, the examiner confirmed the withdrawal of the rejection of claims 11 and 12 as not being responsive to the previously-proposed amendment to claim 11. Accordingly, that amendment is not re-presented and claim 11 remains as-filed.

Allowable Subject Matter

Applicant appreciates the indication of allowable subject matter in claims 7, 16, and 17 (only objected to) and 3, 5, 6, 8, 10-13, 20, and 22 (also subject to provisional obviousness-type double patenting rejections).

By the foregoing amendment, claim 3 has been re-presented in independent form as new claim 27 but without the specific numerical parameter of intervening claim 2.

A portion of claim 5 (tangential direction) has been incorporated into claim 1. Claim 14 has similarly been amended to reference tangential direction and incorporate the 112(6) language of claim 15. Claim 16 has merely been amended for proper antecedent.

Another portion of claims 5 and 8 (free spool) has been added to the text of as-filed claim 1 as new claim 24.

Allowable claim 10 has been re-presented in independent form as new claim 25.

Allowable claim 20 has been re-presented in independent form as new claim 26.

Allowable claim 22 has been re-presented in independent form as new claim 28.

Double Patenting Rejections

Various claims were subject to provisional obviousness-type double patenting rejections over applications 10/722,158 and 10/608,939. Enclosed are Terminal Disclaimers.

Claim Rejections-35 U.S.C. 102

Claims 1, 2, 4, 9, 14, 15, 18, 19, 21, and 23 were rejected under 35 USC 102(b) as anticipated by Call (US3417564). Applicant respectfully traverses the rejection.

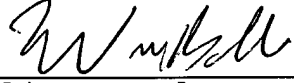
In view of the foregoing amendment, the rejection is believed moot. Call fails to disclose or suggest: claim 1's rotation being driven by partially tangential direction of the products of combustion; claim 14's means for driving said rotation of the carousel by at least partially tangential direction of the combustion products; claim 24's free spool; and claim 27's flows and ratio.

Claims Rejections-35 U.S.C. 103

Claims 11 and 12 had been rejected under 35 USC 103(a) as obvious and unpatentable over Johnson et al. (US6442930) in view of Call. However, the rejection was withdrawn in the February 22, 2005 Office action. Accordingly, no further argument is required.

Accordingly, Applicant submits that claims 1-13, 14, and 16-28 are in condition for allowance. Please charge any fees or deficiency or credit any overpayment to our Deposit Account of record.

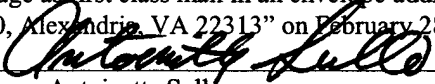
Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: "Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on February 28, 2005


Antoinette Sullo

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